

CHEKMAREV, A.P.; SMOL'YANINOV, A.P.; KLIMENKO, P.L.; LEBEDIK, G.I.

Experimental determination of instantaneous forward slip and the cross section of the metal leaving the rolls in rolling with variable radii rolls. Izv.vys.ucheb.zav.; Chern.met. 8 no.6:97-100 '65. (MIRA 18:8)

1. Dnepropetrovskiy metallurgicheskiy institut.

DUBOVIK, V.N., st. преподаv.; MAMIN, A.U.. kand. geol.-ziner. nauk, dots.; OTTO, P.I.; RUMYANTSEVA, A.Ya., kand. geogr. nauk, ispolnyayushchiy obyazannosti dots.; SEREGIN, I.A., st. inzh.; MOSKALEV, A.F.; KOLESNIKOV, B.P., prof., doktor biol. nauk, rektor; OKOROKOV, V.I., kand. biol. nauk, dots.; KLIMENKO, R.A.; STARIKOVA, L.A., assistant; SHUMILOVA, V.Ya., assistant; MAKSIMOVA, Ye.A., dots.; KIRIN, P.Ye.. kand. geogr. nauk, dots.; KUZNETSOVA, A.V., red.; MATVEYEV, S.M., red.; MOROZOV, V.K., red.; RUTKOVSKIY, I.M., red.; TYAZHEL'NIKOV, Ye.M., red.

[Nature of Chelyabinsk Province] Priroda Cheliabinskoi oblasti. Cheliabinsk, Iuzhno-Ural'skoe knizhnoe izd-vo, 1964. 241 p. (MIRA 18:7)

1. Kafedra geografii Chelyabinskogo pedagogicheskogo instituta (for Dubovik, Mamin, Rumyantseva, Kirin). 2. Nachal'nik geologicheskogo otdela Chelyabinskogo geologorazvedchnogo tresta (for Otto). 3. Chelyabinskaya gidrologicheskaya stantsiya (for Seregin). 4. Nachal'nik pochvennoy partii Chelyabinskoy zemleustroitel'noy ekspeditsii (for Moskaev). 5. Institut biologii Ural'skogo filiala AN SSSR (for Kolesnikov). 6. Kafedra zoologii Chelyabinskogo pedagogicheskogo instituta (for Okorokov, Starikova, Shumilova). 7. Chelyabinskii rybnyy trest (for Klimenko).

AUTHORS: KLIMENKO, S.D. 3-9-9/31
 Klimenko S.D., and Tul'chinskiy M.I.
TITLE: This Was Built in 40 Years (Eto postroyeno za sorok let)
PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 9, pp 32-43 (USSR)

ABSTRACT:

In this article the author describes the development in the construction of higher educational institutions. He treats the pre-revolutionary and the pre-war periods and then gives a description of the reconstruction and new construction of vuz buildings and material bases.

The Second World War had caused great losses. Vuzes attached to the Ministry of Higher Education, USSR, lost 1,300,000 square meters of school and living accommodations, vuz buildings at Stalingrad, Kharkov, Kiyev, L'vov, Odessa, Dnepropetrovsk, Kishinev, Minsk, Voronesh, Rostov, Riga and many others were destroyed. More than 150 vuzes required a complete reconstruction.

Immediately after the war the reconstruction of the vuzes and material bases was begun. From 1946 to 1956 the floor space of school rooms and students' quarters of vuzes was doubled. The author indicates some examples and lists the vuzes where successful rebuilding activity took place.

Card 1/2

KLIMENKO, S.D.

3-58-4-28/34

AUTHOR: Klimenko, S.D., and Maykov, V.P., Candidate of Technical Sciences

TITLE: The Construction of a Technological Institute in Rangoon
(Stroitel'stvo tekhnologicheskogo instituta v Rangun)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 4, pp 80 - 82 (USSR)

ABSTRACT: By agreement between the USSR Government and that of the Burma Union, a number of objects of public importance will be built by the Soviet Government. The first will be the Technological Institute in Rangoon, which must be completed by 1960.

AVAILABLE: Library of Congress

Card 1/1

RAZUVAYEV, G.A.; STEPONIK, L.P.; PERVEYEV, P. Ya.; DEMIDOVA, V.M.;
ALANIYA, V.P.; SOKOLOV, N.A.; KHARCHENKO, V.G.; KRUPINA, T.I.;
KLIMENKO, S.K.; RASSUDOVA, A.A.; GORELIK, M.V.

Letters to the editors. Zhur. org. khim. 1 no. 12:2244-2246
D '65 (MIRA 1961)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete (for Razuvayev, Stepovik). 2. Leningradskiy gosudarstvennyy universitet (for Pervayev, Demidova).
3. Moskovskiy institut neftekhimicheskoy i gazovoy promysh-
lennosti imeni Gubkina (for Alaniya, Sokolov). 4. Saratovskiy
politekhicheskoy institut (for Kharchenko, Krupina, Klimenko,
Rassudova).

KLIMENKO, S.M.; STEPANOV, A.M.; GUSEV, N.V.

Cryostat for obtaining thin sections from non-fixed tissue, frozen
with freon-12. Vop. virus. 5 no. 1:106-108 Ja-F '60.

(MIRA 1412)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(MICROTOME)

KLIMENKO, S.M.; AZADOVA, N.B.

Use of fluorescence antibodies for the detection of influenza viruses in the lungs in mice. Vop. virus. 5 no. 2:160-167 My-S '60.
(MIRA 14:4)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA) (ANTIGENS AND ANTIBODIES)

GAYDAMOVICH, S.Ya.; L'VOVA, A.I.; KLIMENKO, S.M.

Detection of the virus of tick-borne encephalitis in tissue culture
by means of fluorescent antibodies. Vop. virus 6 no.4:399-404 '61.
(MIRA 14:11)

1. Laboratoriya diagnostiki i ind'vatsii virusov Instituta virusologii
imeni D.I.Ivanovskogo AMN SSSR, Moskva.
(ENCEPHALITIS) (ANTIGENS AND ANTIBODIES)

ROVNOVA, Z.I.; KOSYAKOV, P.N.; KLIMENKO, S.M.; GETLING, Z.M.

Effect of antibodies and inhibitors on the virus-cell system.
Vop. virus 8 no.2:150-155 Mr-Apr'63 (MIRA 16:12)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

ZHDANOV, V.M.; LIPKIND, M.A.; KLIMENKO, S.M.; ZAKSTEL'SKAYA, L.'a.

Some parameters of nucleocapsids of the Sendai virus. Vop.
virus 9 no.4:412-417 J1-Ag '64. (MIRA 18:7)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR.

GOFMAN, Yu.P.; KLIMENKO, S.M.

Use of ferruglobulins in electron-optical immunomorphology.
Vest. AMN SSSR 18 no.11:61-65 '63 (MIRA 17:17)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR.

STAKHANOVA, V.M.; KLIMENKO, S.M.; ZHANTIYEVA, Ye.M.

Genetic recombinations between related influenza viruses. Biul.
eksp. biol. i med. 58 no.8:94-97 Ag '64.

(MIRA 18:3)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
Submitted July 28, 1963.

KLIMENKO, S.M.; SELIVANOV, Ya.M.; MEN'SHIKH, L.K.; OLAGOLEV, A.A.

Structure of the influenza virus. Vop. virus. 10 no.3:315-319 My-Je
'65. (MIRA 18:7)

1. Institut virusologii imeni Ivanovskogo AMN SSSR, Moskva.

GUSHCHIN, B.V.; KLIMENKO, S.M.

Electron microscopic autoradiography. Vop. virus. 10 no.4:
387-396 J1-Ag '65. (MIRA 18:8)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.

KLIMENKO, S.M.; YERSHOV, F.I.; GOFMAN, Yu.P.; NABATNIKOV, A.P.; ZHDANOV, V.M.

Characteristics of the structural organization of the Venezuelan
equine encephalomyelitis virus. Vop. virus. 10 no.5:520-525 8-0
'65. (MIRA 18:11)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

ADRIANOV, P.K.; ANDRIANOV, S.M.; BEREZIKOV, B.S.; GOLOVKO, V.O. [Holovko, V.H.]; DOBROVOL'SKIY, A.V. [Doborovol's'kiy, A.V.]; DOVHAL', M.F. [Dovhal', M.F.]; IMLIZAROV, V.D. [Imlizarov, V.D.]; ZHIZDRINSKIY, V.M. [Zhyzdryns'kiy, V.M.]; ZVENIGORODSKIY, O.M. [Zvenigorods'kiy, O.M.]; ZAYCHENKO, R.M. [Zaichenko, R.M.]; IVANENKO, Ye.I. [Ivanenko, I.I.]; KOMAR, A.M.; KOS'YANOV, O.M.; KAZAKOV, O.I.; KOSHKO, S.K.; KLIMENKO, S.A.; KIR'YAKOV, O.P.; KALISHUK, O.L.; LELICHENKO, M.T.; LEBEDICH, M.V.; MIKHAYLOV, V.O. [Mykhailov, V.O.]; MOROZ, I.I.; MOSHCHIL', V.Yu. [Moshchil', V.YU.]; NEPOROZHNIY, P.S. [Neporozhniy, P.S.]; NEZDATNIY, S.M. [Nezdatsnyi, S.M.]; KOVIKOV, V.I.; POLEVOY, S.K. [Polevoi, S.K.]; PEREGORST, M.S.; PUZIK, O.Ye. [Puzik, O.N.]; RADIN, K.S.; SLIVINSKIY, O.I. [Slivins'kiy, O.I.]; STANISLAVSKIY, A.I. [Stanislavs'kiy, A.I.]; USPENSKIY, V.P. [Uspens'kiy, V.P.]; KHORIKOT, O.Ye.; KHILYUK, P.P.; TSAPENKO, M.P.; SHVETS, V.I.; MAL'CHEVSKIY, V. [Mal'chevs'kiy, V.], red.; ZELINKOVA, Ye. [Zelenkova, E.], tekhn.red.

[The Ukraine builds] Ukraine buduie. Kyiv, Derzh.vyd-vo lit-ry
s budivnytstva i arkhitekt., 1957. 221 p. (MIRA 11:5)
(Ukraine--Construction industry)

KLIMENKO, V.

Trade union organizations are our dependable support. Sov. profess-
ionary 16 no.9:14-18 Ny '60. (MIRA13:7)

1. Pervyi sekretar' Luganskogo obkoma Kommunisticheskoy partii
Ukrainy.

(Lugansk Province--Trade unions)

KLIMENKO, V.

Gardening to-1s. Moskva Moskovskii rabochii, 1953. 59 p. Biblioteshka
sadoroda-liubitelia (54-15215)

S676.K6

DZHAMBO, M.; KLIMENKO, Y.; SIDORCHENKO, B.; SOLOMASHCHENKO, A.;
PATBISOVICH, A.

Public inspectors represent a great power. Avt. transp. 37
no.5:49 My. '59. (MIRA 12:8)

1. Rukovoditeli avtokhossyaystva Kiyevskogo gorodskogo avtoupavlaniya,
Kiyevskogo sovnarkhosa i "Glavkiyevstroya."
(Automobiles--inspection)

KLIMENKO, V.; ANDRUYEVSKIY, V.

Unusual case of abnormality in a cow. Veterinariia 33 no.12:
52 D '56. (MLRA 9:12)

(Abnormalities (Animals))
(Cows)

KLIMENKO, V. (Leningrad); TSYRIN, Ye. (Leningrad)

Unification of symbols in the economics literature. Vop.ekon.
no.9:152-153 8 '60. (MIRA 13:8)
(Economics--Terminology)

KLIMENKO, V.

Live and work the communist way. Avt.transp. 38 no.11:7-8 N '60.
(MIRA 13:11)

(Moscow--Transportation, Automotive)

KLIMENKO, V., delegat XIII s"yezda Kommunisticheskoy partii Sovetskogo
Soyuz

Schools for public services in the Ukraine. Ochr.truda i zots.
strakh. 4 no.12:5-6 D '61. (MIRA 14:11)

1. Predsedatel' Ukrainakogo respublikanskogo soveta profsoyuzov.
(Ukraine--Community life)

KLIMENKO, V.

This is of nationwide as well as of trade-union concern. Sov.
profsoiuzy 18 no.6:2-4 Mr '62. (MIRA 15:3)

1. Predsedatel' Ukrainского respublikanskogo soveta profsoyuzov.
(Ukraine--Agriculture) (Ukraine--Trade unions)

KLIMENKO, V. A. Cand Agr Sci -- (diss) "Principal Methods of
Sunflower Cultivation in the Leading Kolkhoz ~~Regions~~ of the
Dnepropetrovskaya Oblast." ~~KHARKOV~~ Khar'kov, 1957. 15 pp 22 cm.
(Min of Agriculture USSR, ~~Km~~ Khar'kov Order of Labor Red Banner
Agricultural Inst im V. V. Dokuchayew), 100 copies (KL, 17-57, 98)

- 46 -

KLIMENKO, V.A.

Some means of increasing the yield of sunflowers in the steppes of the Ukrainian S.S.R. Zemledelie 4 no.12:59-62 D '56.

(MIRA 10:2)

1. Dnepropetrovskoye oblastnoye upravleniye sel'skogo khozyaystva.

(Dnepropetrovsk Province--Sunflowers)

A comparative analysis of the agrotechny of the sunflower in leading and backward kolхозes is given; data on the relation of the crop yield of this cultivation to various agrotechnical methods is cited.

IVANOV, S.Z.; KLIMENKO, Y.A.

Refined sugar and confectionary combine. Sakh.prom.30 no.2:55-56
P '56. (MIRA 9:7)

1.Leningradskiy tekhnologicheskiy institut pishchevoy promyshlennosti (for Ivanov).2.Odeskakiy sakhare-rafinadnyy saved (for Klimenko)

(Sugar industry)

KLIMENKO, V.A.; KUTS, I.P.

Borhole electromagnet. Sbor.luch.rats.predl. pt.2:59-61 '63.
(MIRA 17:5)

1. Primorskoye geologicheskoye upravleniye.

KLIMENKO, V.A., starshiy spetsialist vrach-stomatolog

Prevention of dental caries. Med. sestra 20 no.4:33-36 Ap '61.
(MIRA 14:5)

1. Iz Upravleniya spetsializirovannoy meditsinskoy pomoshchi
Ministerstva zdavookhraneniya SSSR, Moskva.
(TEETH-DISEASES)

KLIMENKO, V.B.; PINZGINA, R.I.

Variability of pea seed proteins during ripening. *Biochimia* 29 no.3:
377-383 My-Je '64. (MIRA 18:4)

1. Laboratoriya khimii belka Kishinevskogo universiteta.

DIAMANT, S.Ya.; KLIMENKO, V.F.

Towards new frontiers in the seven-year plan. Avtom., telem.
i svyaz' 5 no.10:22-23 0 '61. (MIRA 14:9)

1. Zamestitel' redaktora dorozhnoy gazety "Yuzhnaya magistralka"
(for Diamant). 2. Zamestitel' nachal'nika Rzhavskoy distantzii
signalizatsii i svyazi Yuzhnoy dorogi (for Klimenko).
(Railroads--Signaling) (Railroads--Employees)

KLIMENKO, V.O., armaturoshchik

Clamp for stretching rolled steel wire. Suggested by V.O.Klimenko.
Rats. i izobr. predl. v stroi. no. 16:77-78 '60. (MIRA 13:9)

1. Trast No. 27 Mytishchistroy, Moskva, ul. Osipenko, d. 80/2.
(Reinforced concrete)

KLIMENKO, V.O.; GOL'DENBERG, G.G.

Nitrogen-containing substances in sorghum (*Andropogon sorghum* Brot.).
Biokhim. zerna no. 5:214-227 '60. (MIRA 14:5)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo universiteta.
(Sorghum)

KLIMENKO, V.G.

Nitrogen-containing substances in the fresh and dried vegetative matter of some plants. Trudy po khim.prirod. soed. no.5:3-14 '62.
(MIRA 16:11)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo universiteta.

[illegible]

KLIMENKO V. G.

5140. KLIMENKO W. G. Effect of solvents on the degree of extraction and amino-acid composition of seed proteins Biochim., Moscow 1950, 15/2 (186-190) Tables 3

Alkaline solutions, even as strong as 0.2% NaOH, remove the proteins from peas and wheat completely. Wheat protein is more difficult to remove. Total N and S are not affected by using this solvent. Leicester - San Francisco

S0: Excerpta Medica, Section II, Vol. 4, No. 10

Chernovitsky State Univ.

20 110

Nitrogen-containing substances of some representatives of
leguminous plants. Y. O. Kharukh (Chernovits State
Univ., U.S.S.R.). *Doklady* 13, 408-12(1980).—The
different types of leguminous plants cultivated in pre-
Karpattia were investigated for N, S, amino acids, and
protein fractions extr. by various solvents. H. P.

KLIMENKO, V. G.

1 Nitrogen containing substances of various types V. G. Klimenko (Ukr. Chernovitski) *L'vivsk. Univ. Zvez.* 1974-1975 in Russian (1974), 1, 6, 1, 3, 7, 11p. Total N of the seed coat, total N of the stem, pith, N, and total S were found. Plants from various soils were analyzed for protein and for nitrogen N. Total protein was isolated and purified from soybeans, on which were found total N and total S. After hydrolysis of the protein samples, the following were found: aspartic N, glutamic N, asparagine N, methionine acid N, threonine acid N, glycine, histidine, lysine, cysteine, tryptophan, and tyrosine. Differences in N content, but not in S content, were found in the plants. Clayton R. H. H. H.

Amino-acid composition of proteins from seeds of various beans. V. O. Khramov (Univ. Chernovits). *Livestock* 1960: 22, 22-23-7, in Russian (1960).—Total N, total P, and av. seed wt. were detd. Isolated proteins were analyzed for total hydrolysate N, amide N, basic N, total N, amino-acid N, monomino acid N, diamino acid N, arginine, histidine, cystine, lysine, tyrosine, and tryptophan. Proteins of various beans are nutritionally complete with respect to amino acids. Clayton F. Holowny

KLIMENKO, V.G.

**Nitrogen-containing substances in acorns of various oak species.
Ukr.biokhim.sbir. 22 no.2:188-196 '50. (MLA 9:9)**

**1. Biokhimična laboratorija Chernivets'kogo universitetu.
(ACORNS) (PROTEINS)**

Species variation of lupine seeds in respect to nitrogen contents. V. G. Khoroshko (Chernovitsky State Univ.). *Doklady Akad. Nauk S.S.S.R.* 71, 101-3 (1961). --The following values were obtained for *Lupinus angustifolius* (I), *L. albus* (II), and *L. luteus* (III), resp. for percentage N in seeds free of outer skin, in seed skin, and in the straws obtained from the seed meal after treatment with 0.2% NaOH and 0.2% AcOH, total N, total P, seed/skin N ratio, seed/straw N ratio, N:P ratio, and N:P ratio: I 8.04, 0.8, 0.02, 0.02, 0.04, 12.1, 13.9, 10.8, and 7.5; II 8.04, 0.8, 0.02, 0.02, 0.04, 12.1, 13.9, 12.0, and 9.1; III 7.09, 0.84, 0.72, 0.06, 1.06, 12.8, 11.1, 11.8, and 7.4. Ratio of seed meals of I, II, and III with 15%, 75% NaCl, 70% HCl, 0.2% NaOH, and 0.2% AcOH showed that similar species variations exist and exist. N does not depend on the initial content as much as on the particular species used. The max. extr. takes place with NaOH; substantially all protein N being removed in this extr., the protein N values are 22.61% for I, 26.54% for II, and 22.15% for III. Amino acid content of the proteins also varies; I is relatively high in cysteine and lysine and low in arginine, histidine and tyrosine, while II is high in arginine, lysine, and cysteine, and III is high in arginine, histidine, tyrosine, and tryptophan and low in cysteine and lysine. The general alkaloid levels of the species are: high in I, moderate in II and very low in III. (I. M. Koudachnik)

KLIMENKO, V.O.

~~XXXXXXXXXXXX~~
Separation and purification of proteins from plants. Ukr.biokhim.smr. 24 no.
4:499-503 '52. (MLBA 6:11)

1. Laboratoriya biokhimi rasteniy Kishenevskogo gosudarstvennogo universiteta.
(Proteins) (Botanical chemistry)

KLIMENKO, V. O.

Biological Chemistry, Biochemistry of Plants (16948)

Izv. Moldavskogo Fil. AN SSSR, No 2, 1953, pp 75-78

Dorokhov, L. M.; Klimenko, V. O.; Korokhov, B. L.

Effect of Conditions of Mineral Nutrition on Some Physiological Indexes and on Nitrogen-Bearing Substances in Winter Wheat Grain.

Conducted experiments on the growth of various types of winter wheat by using various fertilizers containing phosphorus and potassium salts. The conditions of mineral nutrition have an effect on the form in which nitrogen exists in the grain.

So: Moscow, Referativnyy, Zhurnal -- Khimiya No 4, 1954 W-31059

KLIMENKO, V. G.

✓ The forms of nitrogen of seeds and proteins in 1938.
V. G. Klimenko. *Uchenye Zapiski Kishinev. Univ.* 8: 120-42 (1938). *Russk. Zhur.*, Kish. 1934, No. 41621; cf. C.A. 47, 13652c. — N fractions of beans grown in Moldavia have been investigated by the method given in C.A. 48, 12338g. It has been found that the differences in the N fractions result more from the climatic fluctuations of the region rather than from the bean varieties. For example, the seeds of the same bean variety contained, in 1948, 3.73, and in 1950, 4.80% of total N, resp. The soles, which have been used, ext. different ams. of protin-N fractions, depending on the concs. of the soles. The total amt. of proteins (extd. by alkali) can not be used to differentiate the bean varieties because the relative differences in the protein- and amino acid fractions found in the exts. are less pronounced than they actually are in the seeds. Quant. and qual. dots. of amino acids in seeds indicate that the proteins of beans are of full nutritional value. E. Wyrwicki.

Klimenko, V. G.

Nitrogen fractions of seeds of some leguminous plants.
V. G. Klimenko and V. A. Kostyuk. *Uchenye Zapiski*
Kishinev. Dnep. U., 183-8 (1958); *Russk. Zhur., Khim.* 1954,
No. 41638. —Seeds of 13 different leguminous plants were
exd. with solns. of 10% NaCl and 0.5% NaOH. In each
case the extn. continued until no pos. test for proteins in the
ext. was obtained. The proteins extd. in 0.5% NaCl were
dtd. by making 20-fold diln. of the 10% NaCl extn. with
dtd. water and by removal of the liquid. (ppt.) protein
fraction. Seeds of alfalfa, hairy locust, and bladderwort
contain more of the total and peptone N fractions, extractable
with 10% NaCl soln., than grass varieties of this plant
family. The protein N, extractable with 0.5% NaOH soln.,
is present in the smallest amts. in seeds of chick pea and
lucerne, and in the largest amts. in seeds of hairy locust and
bladderwort. The seeds of the legume plants of the
family contain the largest amts. of the protein N, extd. in
0.5% NaCl.

E. Wierzbicki

HD

①

KLIMENKO, V.G.
KLIMENKO, V.G.

110V. G. Klimenko. *Uchenye Zapiski Kazansk. Univ.* 8, 165-73 (1954); *Agrokh. Zhur., Khim.* 1954, No. 11: 122. — The amts. of total N, extractable N, and stroma N have been studied in seeds of 3 species, *Lupinus angustifolius* (alkaloid-rich), *L. albus* (alkali-poor), and *L. luteus* (alkaloid-free). The N-fractions have been also studied in protein preps. from the seeds (by the method of K., C.A. 45, 1953a). It has been found that the compn. of N fractions in the lupine seeds varies with the amt. of alkaloids in the seeds and that the amts. of different N fractions extd. depend on the concn. of the solvents used: NaOH soln. of any concn. extracts protein N entirely, while NaCl and HCl solns. extract only a part of protein N, depending on the species. By soaking seeds of 3, 6, 10, 15, and 20% NaCl extd. of the seeds proves a genetic relation has been established between the alkaloid-poor and alkaloid-free lupines. No genetic differences have been found in the lupine proteins as far as the following N fractions are concerned: total N, amide N, humin N, amino acid N, and the amts. of arginine, histidine, tyrosine, and tryptophan. H. Wierbicki.

KLIMENKO, V.O.

Forms of nitrogen in the seed and proteins of some varieties of peas.
Biokhimiya 18, 141-50 '53. (MLRA 6:4)
(CA 47 no.17:8842 '53)

1. Univ. Kishinev, Bessarabia.

KLIMENKO, V.O.

Forms of nitrogen and protein in the seeds of tree and bush forms of the
bean family. Ukrain. Biokhim. Zhur. 25, No.1, 54-61 '53. (MLRA 6:5)
(CA 47 no.22:12532 '53)

1. State Univ., Kishinev.

KLIMENKO, V.O.

Forms of nitrogen in seeds, and the proteins of *Dolichos lablab* L., *Phaseolus aureus*, and *Phaseolus vulgaris*. Ukr.biokhim.smr. 25 no.3:342-350 '53.
(MLA 6:8)

1. Laboratoriya biokhimii rasteniy Kishinevskogo universiteta.
(Beans) (Proteins)

KLIMENKO, V.O.

Nitrogen-containing substances in the seeds of leguminous
hay crops. Uch. zap. Kish. un. 13:117-130 '54. (MLBA 9:10)

(Moldavia--Legumes) (Nitrogen)

KLIMENKO, V.G.

**Nitrogen compounds in the seeds and proteins of some varieties
of soybean. Biokhimiia 19 no.1:3-10 Ja-F '54. (MIRA 7:3)**

- 1. Laboratoriya biokhimii rasteniy Kishinevskogo gosuniversiteta.
(Soybean) (Nitrogen compounds)**

~~KLIMENTO K. G.~~

Variation in the amount of nitrogenous substances in corn and
barley grain depending on the year of harvesting. Uch. zap.
Kish. un. 13:131-143 '54. (MIRA 9:10)

(Moldavia--Corn (Maize)--Varieties)
(Moldavia--Barley--Varieties)
(Nitrogen)

KLIMENKO, V.G.; LEVSHENKOVA, E.

Proteins in the grain of different rye varieties. Uch. zap. Kish.
un. 13:145-153 '54. (MLRA 9:10)

(Moldavia--Rye--Varieties) (Proteins)

KLIMENKO, Vasilii Gur'yevich -- awarded sci degree of Doc Biol Sci for
19 Jun 56 defense of dissertation: "Forms of nitrogen of the seed and
of the albumins of the pulse family" at the Council, Kiev State Univ
imeni Shevchenko; Prot No 6, 15 Mar 58.
(BMVO, 7-58,21)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5

Klinck, D. V. G.

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5"

KLIMENKO, V.G.

1910 Protocols of Lubyansky prison

was 1946 #1 191 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

USSR / Plant Physiology. Respiration and Metabolism. 1-2

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72564.

Author : Klimenko, V. G.; Alekseyeva, M. V.
Inst : Kishinev University.
Title : Influence of Solvents on the Content of Forms of
Nitrogen in the Seed and Proteins of Some Repre-
sentatives of Leguminosae.

Orig Pub: Uch. zap. Kishenevsk. un-ta, 1957, 27, 11-18.

Abstract: The N content of amides and of different amino-
acids depended to the slightest degree on the
method of their isolation rather than on the
botanical-systematic make-up of the plants of
Leguminosae.

Card 1/1

COUNTRY : USSR
 CATEGORY : Cultivated Plants. Cereals. M
 ABS. JOUR. : RZhBiol., No. 23 1958, No. 104642
 AUTHOR : Klimenko, V. G.; Kozubenko, V. E.
 INST. : Kishinev University
 TITLE : Grain Proteins in Different Corn Hybrids.

ORIG. PUB. : Uch. zap. Kishinevsk. un-t, 1957, 28, 9-28

ABSTRACT : Results of an analysis of corn grain in 1955 at the breeding nurseries of Chersovitskaya Agricultural Station, for the content of total N, protein N and its different forms. In the varieties analyzed, nitrogen fluctuates from 1.52 to 2.19%. In regard to the amount of total N, the grain of the hybrids was inferior to that of the parents. The low N content in the grain of F_1 is explained as follows: it produces greater vegetative mass and more grain than the parental forms and F_2 ; the amount of N present in the soil, is insufficient for the formation of a maximum

CARD: 1/2

COUNTRY : USSR
 CATEGORY : CULTIVATED PLANTS, GRAINS M

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5

ABS. JOUR. : REF ZHUR.BIOL., 21.1958, NO. 104675

Author : Klimenko, V. G.; Kalinina, L. V.; Ivanova, A. N.
 Institut. : Kishinev Univ.

Title : The Effect of Various Sowing Periods on the Protein Content and Amino Acid Composition of the Beans of Certain Soy Varieties.

Orig. Pub. : Uch. zap. Kishinevsk. un-ta, 1957, 28, 29-48

Abstract : The effect of sowing time on the bean's content of forms of N, protein fractions and certain amino acids were studied in different varieties of soya grown under irrigation in Moldavia. Differences were found to exist between the varieties in the content of various forms of N (total N, stroma N, protein N, extractive N). The sowing times affected the overall nitrogen content (with later sowing there were higher percentages of N), however this was not the case in all varieties.

CARD: 1/3

Country : USSR

M

Category: Cultivated Plants. Grains.

Abstr Jour: RZhBiol., No 22, 1958, No 100245

Author : Klimenko, V.G.; Pevzner, D.F.

Inst : Kishinev University

Title : Proteins in the Kernels of Hulless Barley.

Orig Pub: Uch. zap. Kishinevsk. un-t, 1957, 28, 49-58

Abstract: Kernels of a large collection of barley varieties were subjected to an analysis for their total N and protein contents. Data of the analyses are cited on the content of various forms of protein and amino acids according to variety groups - hulled spring varieties, hulled winter and spring varieties. It is recommended

Card : 1/2

COUNTRY	: USSR	
CATEGORY	: Cultivated Plants. Cereals	M
ABS. JOUR.	: RZhBiol., No. 23 1958, No. 104676	
AUTHOR	: Klimenko, V. G., Dymchishina, T. P.	
INST.	: XXXXXXXXXXXX	
TITLE	: Proteins in the Seed of Kidney Bean Species and Forms.	
ORIG. PUB.	: Uch. zap. Kishinevsk. un-t, 1957, 28, 59-70	
ABSTRACT	: Results of an analysis of the seed of 8 species of kidney bean, represented by 25 test specimens, for the content of total N, protein and its different forms. Differences exist in the content of total, extractive, and intrinsically albuminous N among the kidney bean species and forms being studied. The content of these forms of N is greatly influenced	

Card: 1/2

CHEPURNOV, V.S., dotsent, kand.biolog.nauk, otv.red.; KLIMENKO, V.G.,
prof., doktor biolog.nauk, red.; VINOGRADOV, K.A., prof., doktor
biolog.nauk, red.; BURNASHOV, M.S., dotsent, kand.biolog.nauk,
red.

[Transactions of the Ichthyological Conference on the Study of the
Lagoons of the northwestern part of the Black Sea] Trudy 1-oy
ikhtiologicheskoi konferentsii po izucheniiu morskikh limanov severo-
zapadnoi chasti Chernogo moria. Kishinev, Kishinevskii gos.univ.,
1960. 215 p. (MIRA 14:2)

1. Ikhtiologicheskaya konferentsiya po izucheniiu morskikh limanov
severo-zapadnoy chasti Chernogo morya. 1st, Kishinev, 1959.
2. Kishinevskiy Gosuniversitet (for Chapurnov, Burnashev). 3. Odes-
skaya biologicheskaya stantsiya Instituta gidrobiologii Akademii nauk
USSR (for Vinogradov). (Black Sea region--Fishes--Congresses)

KLIMENKO, V.G.; GOFMAN, Yu.Ya.; BARANOVA, T.A.

Proteins and nonprotein nitrogen containing substances in the seeds
and green bulk of some vetchling species. Trudy po khim. prirod. soed.
no.3:27-39 '60. (MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya
khimii belka.
(Vetchling) (Plants—Chemical analysis) (Nitrogen)

VARENNIKOVA, T.V.; KLIMENKO, V.G.

Variability of the content of protein and nonprotein nitrogen in
grain and green bulk of some phaseolus varieties (Ph. vulgaris L.).
Trudy po khim. prirod. soed. no.3:83-97 '60. (MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya khimii belka.
(Beans—Varieties) (Plants—Chemical analysis) (Nitrogen)

KLIMENKO, Y.O., BEREZOVYKH, A.D.

Nitrogen containing substances of the green bulk and seeds of horse beans (*Vicia faba*) as related to the stages of their development.
Trudy po khim. prirod. soed. no.3:145-157 '60. (MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya khimii belka.

(Broad bean)

(Plants—Chemical analysis)

(Nitrogen)

KLIMENKO, V.G.; SHOLKOVSKAYA, B.I.

Proteins and nonprotein nitrogen in the grain and green bulk of chick-peas. Trudy po khim. prirod. soed. no.3:159-167 '60.
(MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya khimii belka.
(Chick-pea) (Plants—Chemical analysis) (Nitrogen)

KLIMENKO, V.G., DREKOVA, G.V.

Variability in the content of protein and nonprotein nitrogen in the grain and green bulk of some Vigna varieties (Vigna Savi). Trudy po khim. prirod. soed. no.3:173-183 '60. (MIRA 16:2)

1. Kishinevskiy gosudarstvennyy universitet. Laboratoriya khimii belka.
(Vigna—Varieties) (Plants—Chemical analysis) (Nitrogen)

KLIMENKO, V. G., SAYANOVA, V. V., ALEKSEYEVA, M. V., VAYNTRAUB, I. A.,
and GOFMAN, YU. YA. (USSR)

"Comparative Study of Seed Proteins of Some Plants by Paper Electro-
phoresis."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

KLIMENKO, V. G., PUSHNYAK, A. N., BEREZOVNIKOV, A. D., PINEGINA, R. I.,
TSURKANY, P. A., and VARENNIKOVA, T. V. (USSR)

"Forms Taken by the Protein and other Nitrogen Compounds in
the Vegetative Parts of Plants."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

KLIMENKO, V. G., GOFMAN, YU. YA., SHUTOV, A. D., VAYNTRUB, I. A. (USSR)

"Isolation of Globulins from the Seeds of Certain Leguminous
Plants and Determination of their N-Terminal Amino Acids."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

PINEGINA, R.I.; KLIMENKO, V.O.

Variability in the content of proteins and nonprotein nitrogen-containing substances in seeds of some pea species in the process of ripening. Trudy po khim.prirod. soed. no.5:19-26 '62.
(MIRA 16:11)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo universiteta.

KLIMENKO, V.G.; VARENKOVA, T.V.

Variability of nitrogen-containing substances in the organs of
beans in the process of ontogenesis. Trudy po khim.prirod. soed.
no.5:27-35 '62. (MIRA 16:11)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo univer-
siteta.

SHVARTS, V.S.; KLIMENKO, V.G.

Study of salt-soluble proteins in the seeds of the millets *Setaria*
moharidii and *S. italica* by paper electrophoresis. Trudy po khim.
prirod. nauch. no. 5:53-57 '62. (MIRA 16:11)

1. Laboratoriya khimii belka Kishinevskogo gosudarstvennogo univer-
siteta.

VAYNTRAUB, I.A.; SHUTOV, A.D.; KLIMENKO, V.C.

Vetch seed globuline. Biokhimiia 27 no.2:349-358 Mr-A: '62.
(MIRA 15:8)

1. Laboratory of Protein Chemistry, State University, Kishinev.
(GLOBULIN) (VETCH)

HEREZOVikov, A.D.; KLIMENKO, V.O.

Proteins in the seeds of forage beans (*Vicia faba* L.). Dokl. AN
SSSR 144 no.3:659-661 My '62. (MIRA 15:5)

1. Kishinevskiy gosudarstvennyy universitet. Predstavleno
akademikom A.I. Oparinym.
(Beans) (Proteins)

KLIMENKO, V.G.; D'YACHENKO, N.I.

Globulins of common sunflower (*Helianthus annuus* L.) seeds.
Dokl. AN SSSR 156 no. 2:461-464 My '64. (MIRA 17:7)

1. Kishinevskiy gosudarstvennyy universitet. Predstavleno
akademikom A.I. Uparinym.

KLIMENKO, V.G.; BEREZOVNIKOV, A.D.; LEONOV, G.B.

Change in the composition of proteins in ripening seeds of lentil,
cowpea and chick-pea. Biokhimiia 29 no.4:596-601 J1-Ag '64.
(MIRA 18:6)

1. Kafedra biokhimii i nauchno-isledovatel'skaya laboratoriya
khimii belka Gosudarstvennogo universiteta, Kishinev.

BEREZOVNIKOV, A.D.; KLIMENKO, V.O.

Nitrogen-containing substances in some organs of the broad bean
(*Vicia faba* L.) during the process of their development. Ukr.
biokhim. zhurn. 36 no.5:739-750 '64. (MIRA 18:6)

1. Kafedra biokhimii rasteniy i nauchno-issledovatel'skaya
laboratoriya khimii belka Kishinevskogo universiteta.

ROMANIKA, .I.; KLIMENKO, V.I.; GARMONOV, I.V., doktor geol.-
miner. nauk, otv. red.

[hydrogeological studies of the Kuban-Azov artesian basin]
Gidrogeologicheskii ocherk Azovo-Kubanskogo artezianskogo
basseina. Moskva, Nauka, 1964. 85 p. (MIRA 17:12)

KHARLANOV, I.A.; KLIMENKO, V.I.

Automatic closing valve for prevention of leakage of compressed
air. Prom.energ. 15 no.4:16-17 Ap '60.

(MIRA 13:6)

(Compressed air) (Pneumatic machinery)

ROMANIKA, L.I.; KLIMENKO, V.I.; GARMONOV, I.V., doktor geol.-
miner. nauk, otv. red.

[Hydrogeological study of the Azov-Kuban artesian
basin] Gidrogeologicheskii ocherk Azovo-Kubanskogo
artezianskogo basseina. Moskva, Nauka, 1964. 85 p.
(MIRA 18:2)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5

V

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5"

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5"

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723110020-5"

BRUNSHTEINS, Boris Anatol'yevich; KLIMENKO, Vladimir Leonidovich;
TSYRKIN, Yefim Borisovich; RUDKOVSKIY, D.M., nauchn.red.;
SEGAL', Z.O., ved.red.; DEM'YANENKO, V.I., tekhn.red.

[Production of alcohols from petroleum and gas] Proizvod-
stvo spirtov iz nefryanogo i gasovogo syr'ia. Leningrad,
Izd-vo "Nedra," 1964. 199 p. (MIRA 17:3)

BRUNSHTEYN, B.A.; KLIMENKO, V.L.

Economics of the oxidation of paraffins. Khim.prom. no.9:662-665
8 '63. (MIRA 16:12)

S/064/60/000/02/22/025
B022/B005

AUTHOR: Klimenko, V. L.

TITLE: The Scientific-technical Council at the VNIIneftekhim (All-Union Scientific Research Institute of Petroleum Chemistry)

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 2, p. 167

TEXT: A meeting of the Nauchno-tehnicheskiy sovet VNIIneftekhim (Scientific-technical Council of the Scientific Research Institute of Petroleum Chemistry) was held on January 20, 1960, with the participation of representatives of various institutes and organizations of the Goskhimkomitet and the Akademiya nauk SSSR (Academy of Sciences of the USSR). Among other things, the Council dealt with the plan of measures and recommendations for the organization of production and utilization of oxidation products of liquid paraffins and the oxosynthesis in national economy in 1960-1965. D. V. Mushenko, Head of the Laboratory of VNIIneftekhim, delivered a report on problems of introduction of oxidation products of liquid paraffins - normal and iso-fatty acids, fat alcohols, and alkyl sulfates - into national economy. D. M. Rudkovskiy stated in his

Card 1/2

The Scientific-technical Council at the
VNIineftekhim (All-Union Scientific Research
Institute of Petroleum Chemistry)

S/064/60/000/02/22/025
B022/B005

report that the oxosynthetical process is most efficient for the production of butyl alcohols, higher alcohols ($C_7 - C_9$, 2-ethyl hexanol), and various aldehydes which can be used as intermediates for the production of higher and polyatomic alcohols. A great part of the report dealt with the problem of choosing efficient methods of producing raw materials for plasticizers. On the basis of the reports and their careful evaluation, the Scientific-technical Council accepted concrete recommendations for an extension of the production of synthetic fatty acids and alcohols by oxidation of liquid paraffins and oxosynthesis, the establishment of new industrial objects for the production of polyatomic alcohols, and an accelerated construction of plants for oxidation and oxosynthesis.

Card 2/2

ZHUNKO, V.I.; KLIMENKO, V.L.

Production of ammonia from shale gas. Khim. i tekhn. gor. slan.
i prod. ikh perer. no.9:107-113 '60. (MIRA 15:6)
(Ammonia) (Oil shales)

3/081/62/000/023/078/120
B144/B186

AUTHORS: Osadchenko, I. R., Klimenko, V. L.

TITLE: Prospects of raw material production for petrochemistry in the petroleum refineries of the USSR

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 587, abstract 23M140 (In collection: Ekon. effektivnost' neftekhim. protsessov, L., Gosoptekhzdat, 1961, 5 - 17)

TEXT: The authors think it advisable to produce the following products in petroleum refineries as raw material for petrochemistry: C₂, C₃ and C₄ olefins, in some plants also fractions of C₆-C₈ and C₁₀-C₁₆ olefins; aromatic hydrocarbons, particularly benzene and xylene isomers; higher liquid and solid paraffins; hydrogen and synthesis gas. The following points are discussed: the processes developed and tested in the USSR for obtaining these products, the raw material sources, and the economic aspects of these processes. The flow sheet of a prospective petroleum refinery is given, including the recovery of the products mentioned. 20 references. [Abstracter's note: Complete translation.]
Card 1/1

ACCESSION NR: AR3000207

8/0081/63/000/006/0471/0471

SOURCE: RZh. Khimiya, Abs. 6#3

AUTHOR: Zhanko, V. I.; Klimenko, V. L.

TITLE: Production of hydrogen and synthesis-gas for small and medium consumers

CITED SOURCE: Ekonom. effektivnost' neftekhim. protsessov, L., Gostoptek-hizdat, 1961, 74-83

TOPIC TAGS: hydrogen production, hydrocarbon conversion

TRANSLATION: Computations were made of economic efficiency of hydrogen production by various methods (high temperature oxygen conversion of hydrocarbons of natural gas, coke-oven gas, petroleum refining and oil-well gases, in shaft reactors; from liquid light hydrocarbon raw materials; electrolysis of water; iron-steam method, and others). It is shown that conversion of hydrocarbons is most advantageously effected in small tubu-

Card 1/2

ACCESSION NR: AR3000207

lar furnaces with subsequent utilization of the resultant gas for the reduction of iron ore in hydrogen furnaces. An economic comparison of the different methods is presented. Yu.P.

DATE ACQ: 16May63

ENCL: 00

SUB CODE: 00

Card 2/2

ACCESSION NR: AR3000208

8/0081/63/000/006/0475/0475

SOURCE: RZh. Khimiya, Abs, 6827 P

AUTHOR: Klimenko, V. L.; Rudkovskiy, D. M.; Ryabukhova, S. F.

TITLE: Methods of production of higher fatty alcohols C sub 7 - C sub 10 and their technical and economic evaluation

CITED SOURCE: Khon. effektivnost' neftekhim. protsessov. L., Gostop-
tekhizdat, 1961, 84-93

TOPIC TAGS: Chemical production, fatty alcohols, polyvinyl chloride

TRANSLATION: Methods of production of C sub 7 - C sub 10 fatty alcohols used in the manufacture of plasticizers are considered [hydrogenation of fatty acid esters; oxo synthesis applied to thermal cracking gasoline, co-polymers of propylene and butylene, propylene trimers, alpha-olefins and butylenes; production of 2-ethylhexanol (I) from n-butyraldehyde (II) and from n-butyl alcohol]. Extent of process development, raw material supp-

Card 1/2

ACCESSION NR: AR3000208

lies, product quality, technical and economic indicators of the process are taken in consideration. It is shown that the most efficient is the method of oxo synthesis utilizing thermal cracking gasoline distillates and paraffin-cracking products. The alcohols produced by this procedure can be used in the manufacture of polyvinyl chloride items (frost resistance to -30°). Of promising nature is the production of I from II, with the view of utilizing the plasticizer in items having a frost resistance from -40 to -50° . See RZhKhim, 1962, 13.19. Yu.P.

DATE ACQ: 16May63

ENCL: 00

SUB CODE: 00

Card 2/2

KLIMENKO, V.L.

Scientific and technical conference on benzene production.
Neftekhimiia 1 no.2:292-294, Mr-Apr '61. (MIRA 15:2)
(Benzene)

BRUNSHTEYN, B.A.; KLIMENKO, V.L.

Processes used to prepare sodium alkyl sulfates, and their
technical and economic evaluation. Khim.prom. no.4:253-257 Ap
'61. (MIRA 14:4)

(Cleaning compounds) (Sulfuric acid)

RUDKOVSKIY, D.M.; BRUNSHTEYN, B.A.; KLIMENKO, V.L.

Production of butyraldehydes by oxo synthesis. Khim.prom. no.5:335-
338 My '61. (MIRA 14:6)

(Butyraldehyde)
(Oxo process)

OSADCHENKO, I.R.; KLIMENKO, V.L.

Selection of an efficient technological system for petroleum refineries.
Khim.i tekhnopol.i masl 6 no.3:1-6 Mr '61. (MIRA 14:3)

1. Bashkirskiy nauchno-issledovatel'skiy institut neftyanoy promy-
shlennosti.

(Petroleum—Refining)

KLIMENKO, V.L.

Coordination conference on the expansion of the production of benzene
and other aromatic hydrocarbons. Khim, 1 tekhn. topl. 1 masel 6
no. 5:71-72 My '62. (MIRA 14:5)
(Benzene—Congresses) (Hydrocarbons)